

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000983

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C02F1/52 C02F1/28 C02F1/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C02F C05F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/000600 A (TORO GALVEZ JOSE) 3 January 2003 (2003-01-03) pages 2-3; claim 1; figure 1	1, 3, 4
X	DE 101 53 806 A (MERAJ JOSEF) 15 May 2003 (2003-05-15)	1-4, 7-9
Y	paragraphs '0030!', '0031!', '0035!', '0036!', '0038!', '0051!', '0052!', '0068!; claims 1-8, 31; figure 1	5, 6
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 02, 2 April 2002 (2002-04-02) & JP 2001 276892 A (WATANABE YOSHIKIMI; MAEZAWA IND INC), 9 October 2001 (2001-10-09) abstract -/-	1, 7

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

28 October 2004

Date of mailing of the international search report

11/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Glod, G

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA2004/000983

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	<p>-&amp; DATABASE WPI Section Ch, Week 200210 Derwent Publications Ltd., London, GB; Class D15, AN 2002-070030 XP002302953 "Waste water treatment apparatus for removing soluble organic substance, comprises powder activated carbon addition unit between jet stream stirred solid-liquid separator and membrane separation unit" -&amp; JP 2001 276892 A (MAEZAWA KOGYO KK, WATANABE Y) 9 October 2001 (2001-10-09) abstract</p> <p>-----</p>	
Y	<p>DE 43 17 913 A (CORNWELL JAMES H) 1 December 1994 (1994-12-01) page 2, line 3 - line 55 page 6, line 50 - line 57; claim 5</p> <p>-----</p>	5
Y	<p>US 5 503 766 A (KULPERGER ROBERT J) 2 April 1996 (1996-04-02) column 2, line 24 - line 35; claims 1,12</p> <p>-----</p>	6
A	<p>WO 03/022753 A (HOME FARM TECHNOLOGIES INC) 20 March 2003 (2003-03-20) page 6 - page 7, line 12; claims 1,2; figure 1</p> <p>-----</p>	1-9

BEST AVAILABLE COPY

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/000983

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03000600	A	03-01-2003	ES 2183723 A1 WO 03000600 A1	16-03-2003 03-01-2003
DE 10153806	A	15-05-2003	DE 10153806 A1	15-05-2003
JP 2001276892	A	09-10-2001	NONE	
DE 4317913	A	01-12-1994	DE 4317913 A1	01-12-1994
US 5503766	A	02-04-1996	NONE	
WO 03022753	A	20-03-2003	WO 03022753 A1 CA 2402107 A1 EP 1427674 A1 US 2003070973 A1	20-03-2003 10-03-2003 16-06-2004 17-04-2003

BEST AVAILABLE COPY